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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>APPLICATION NUMBER</b>	10/782,187
		<b>FILING DATE</b>	02/19/2004
		<b>FIRST NAMED INVENTOR</b>	McMackin et al.
		<b>Group Art Unit</b>	2877
		<b>Examiner Name</b>	Nguyen, Sang H.
		<b>Attorney Docket Number</b>	P116-58-03
Sheet	1	of	8

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

SN	B1	4,731,155		Napoli et al.	3/15/1988	
↑	B2	5,425,848		Haisma et al.	6/20/1995	
	B3	5,563,702		Emery et al.	10/8/1996	
	B4	5,772,905		Chou	6/30/1998	
	B5	6,133,576		Shafer et al.	10/17/2000	
	B6	6,309,580	B1	Chou	10/30/2001	
	B7	6,334,960	B1	Willson et al.	1/1/2002	
	B8	6,387,787	B1	Mancini et al.	5/14/2002	
	B9	6,391,217	B2	Schaffer et al.	5/21/2002	
	B10	6,696,220	B2	Bailey et al.	2/24/2004	
	B11	2004/0007799	A1	Choi et al.	1/15/2004	
	B12	2004/0021254	A1	Sreenivasan et al.	2/5/2004	
	B13	2004/0021866	A1	Watts et al.	2/5/2004	
	B14	2004/0022888	A1	Sreenivasan et al.	2/5/2004	
	B15	2003/0205658	A1	Voisin	11/6/2003	
	B16	2002/0177319	A1	Chou	11/28/2002	
↓	B17	6,713,238	B1	Chou et al.	3/30/2004	
SN	B18	2004/0008334	A1	Sreenivasan et al.	1/15/2004	

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		Number	Kind Code <sup>2</sup> (if known)			

SN	B19	2004/0009673	A1	Sreenivasan et al.	1/15/2004	
↑	B20	2004/0124566	A1	Sreenivasan et al.	7/1/2004	
	B21	2004/0112153	A1	Choi et al.	6/17/2004	
	B22	6,245,581	B1	Bonser et al.	6/12/2001	
	B23	6,561,706		Singh et al.	5/13/2003	
	B24	6,646,662	B1	Nebashi et al.	11/11/2003	
	B25	6,776,094	B1	Whitesides et al.	8/17/2004	
	B26	6,518,189	B1	Chou	2/11/2003	
	B27	2002/0132482	A1	Chou	9/19/2002	
	B28	2002/0167117	A1	Chou	11/14/2002	
	B29	6,482,742	B1	Chou	11/19/2002	
	B30	2003/0080471	A1	Chou	5/1/2003	
	B31	2004/0036201	A1	Chou et al.	2/26/2004	
	B32	2004/0192041	A1	Jeong et al.	9/30/2004	
	B33	6,633,391	B1	Oluseyi et al.	10/14/2003	
	B34	6,828,244	B2	Chou	12/7/2004	
↓	B35	6,809,356	B2	Chou	10/26/2004	
SN	B36	6,052,183		Lee	4/18/2000	

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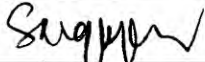
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SN	B37	6,278,519	B1	Rosencwaig et al.	8/21/2001	
	B38	6,297,880	B1	Rosencwaig et al.	10/2/2001	
	B39	6,603,538	B1	Oluseyi et al.	8/5/2003	
	B40	6,016,696		Bair et al.	1/25/2000	
	B41	6,112,588		Cavallaro et al.	9/5/2000	
	B42	5,837,892		Cavallaro et al.	11/17/1998	
	B43	5,625,193		Broude et al.	4/29/1997	
	B44	2004/0197843	A1	Chou et al.	10/7/2004	
	B45	2004/0156108	A1	Chou et al.	8/12/2004	
	B46	2004/0137734	A1	Chou et al.	7/15/2004	
	B47	2004/0131718	A1	Chou et al.	7/8/2004	
	B48	2004/0118809	A1	Chou et al.	6/24/2004	
	B49	2004/0046288	A1	Chou	3/11/2004	
	B50	2003/0080472	A1	Chou	5/1/2003	
	B51	2003/0034329	A1	Chou	2/20/2003	
	B52	2002/0042027	A1	Chou et al.	4/11/2002	
	B53	2004/0223883	A1	Choi et al.	11/11/2004	
SN	B54	6,580,172	B2	Mancini et al.	6/17/2003	

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<p>Sheet</p>	<p>4</p>	<p>of</p>	<p>8</p>		

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FOREIGN PATENT DOCUMENTS								
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		Office	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

SN	B65	WO	00/21689		Chou et al.	4/20/2000		
	B66	JP	02-92603		Kurikawa et al.	4/3/1990		
	B67	JP	02-24848		Kamio	1/26/1990		
	B68	WO	01/47003		Steiner et al.	6/28/2001		
	B69	WO	02/07199		Chou	1/24/2002		
	B70	WO	2004/114016		Chou et al.	12/29/2004		
	B71	WO	99/05724		Chou et al.	2/4/1999		
	B72	WO	03/010289		Chou et al.	2/6/2003		
	B73	WO	03/079416		Chou	9/25/2003		
CN	B74	WO	03/099536		Chou et al.	12/4/2003		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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SN	B75	Chou, Nanoimprint Lithography and Lithographically Induced Self-Assembly, MRS Bulletin, pp. 512 - 517, 7/1/2001	
↑	B76	Choi et al., Design of Orientation Stages for Step and Flash Imprint Lithography, Precision Engineering, pp. 192 - 199, 1/1/2001	
	B77	Colburn et al., Step and Flash Imprint Lithography for sub-100 nm Patterning, Proceedings of SPIE Vol. 3997, pp. 453 - 457, 1/1/2000	
	B78	Chou et al., Imprint Lithography with 25-Nanometer Resolution, Science Vol. 272, pp. 85 - 87, 4/5/1996	
	B79	Chou et al., Imprint Lithography with Sub-10 nm Feature Size and High Throughput, Microelectronic Engineering 35, pp. 237 - 240, 1/1/1997	
	B80	Haisma et al., Mold-assisted Nanolithography: A Process for Reliable Pattern Replication, J. Vac. Sci. Technol. B, pp 4124 - 4128, 11/1/1996	
	B81	Chou et al., Imprint of Sub-25 nm Vias and Trenches in Polymers, Appl. Phys. Lett. 67 (21), 11/20/1995	
↓	B82	Johnson et al., Advances in Step and Flash Imprint Lithography, SPIE Microlithography Conference, 2/23/2003	
SN	B83	Chou et al., Lithographically Induced Self-assembly of Periodic Polymer Micropillar Arrays, J. Vac. Sci. Technol. B 17 (6), pp. 3197 - 3202, 11/1/1999	

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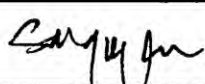
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SN	B84	Colburn et al., Step and Flash Imprint Lithography: A New Approach to High-Resolution Patterning, Proc. Of SPIE, vol. 3676, 3/1/1999	
↑	B85	Heidari, Nanoimprint Lithography at the 6 in. Wafer Scale, J. Vac. Sci. Technol. B 18(6), pp. 3557 - 3560, 11/1/2000	
	B86	Translation of Japanese Patent 02-92603	
	B87	Translation of Japanese Patent 02-24848	
	B88	Chou et al., Ultrafast and Direct Imprint of Nanostructures in Silicon, Nature, Col. 417, (June 2002), pp. 835-837, 6/1/2002	
	B89	Chou et al., Nanoimprint Lithography, Journal of Vacuum Science Technology B 14(16), pp. 4129-4133, 11/1/1996	
	B90	Colburn et al., Development and Advantages of Step-and-Flash Lithography, Solid State Technology, 7/1/2001	
	B91	Colburn et al., Characterization and Modeling of Volumetric and Mechanical Properties for Step and Flash Imprint Lithography Photopolymers, Journal of Vacuum Science Technology. Vol b. 19(6), 11/1/2001	
SN	B92	Bailey et al., Step and Flash Imprint Lithography: Defect Analysis, Journal of Vacuum Science, B 19(6), pp. 2806-2810, 11/1/2001	

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>APPLICATION NUMBER</b>	10/782,187
				<b>FILING DATE</b>	02/19/2004
				<b>FIRST NAMED INVENTOR</b>	McMackin et al.
				Group Art Unit	2877
				Examiner Name	Nguyen, Sang H.
Sheet 8 of 8				Attorney Docket Number	P116-58-03

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

SN	B93	Bailey et al., Step and Flash Imprint Lithography: Template Surface Treatment and Defect Analysis, Journal of Vacuum Science, B 18(6), pp. 3572-3577, 11/1/2000	
SN	B94	Schneider et al., Stripes of Partially Fluorinated Alkyl Chains: Dipolar Langmuir Monolayers	

Examiner Signature		Date Considered	7/18/05
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[illegible]

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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